WELCOME

to today's Maths lesson
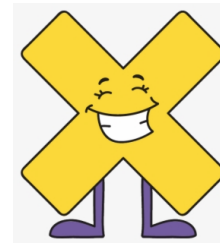
ENJOY!

08.02.21
Dividing a 2-digit number by a 1-digit number

Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division and learning how to **divide a 2-digit by a 1 digit number.**

There is no White Rose Maths video today. Please watch the video of me explaining today's lesson (link on website).

If you have any questions or would like to send in any work, please email it to:
yearthree@st-jo-st.dudley.sch.uk

Well done everyone, you are all superstars ☺

Love
Miss Robertson xxxx

Starter activities:

Today's Tough Ten	
1	100 – 70 =
2	4 x 10 =
3	= 20 – 9
4	= 25 + 47
5	= 9 x 5
6	35 ÷ 5 =
7	76 – 27 =
8	43 + 29 =
9	81 – 24 =
10	60 – 24 =

Practise from last week:

Can you use short multiplication to answer these questions?

22 x 3 =   28 x 2 =
34 x 3 =   16 x 3 =

Deepen it:
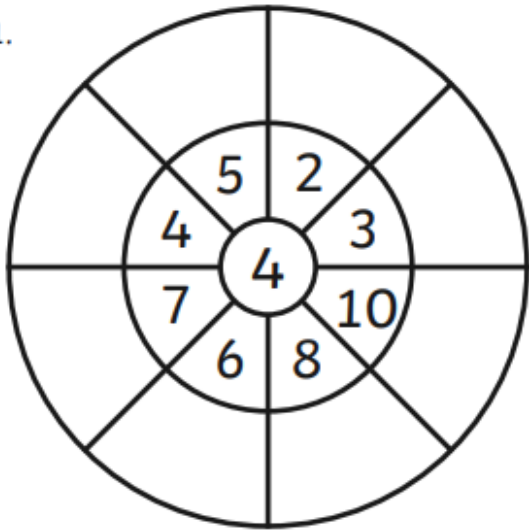**Pick one question and write a number story for it.**
Miss Robertson's example:
Football cards come in packs of 10. Shayden buys 4 packs. How many cards does he have in total?
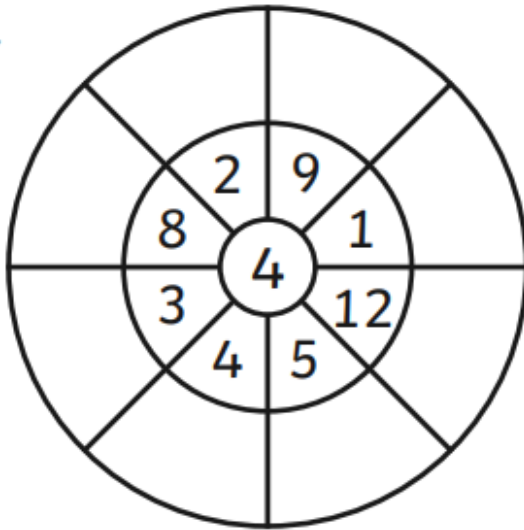
Times table practise:

-

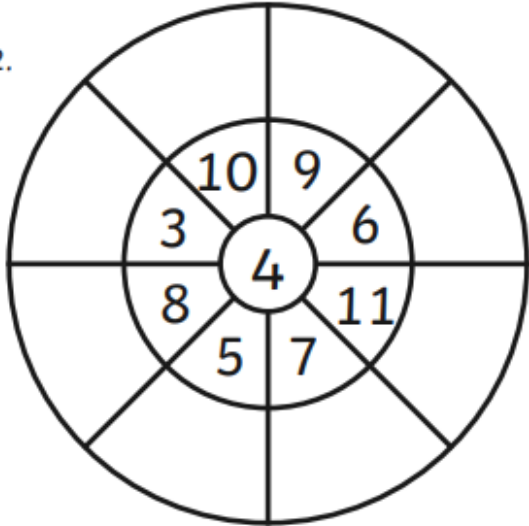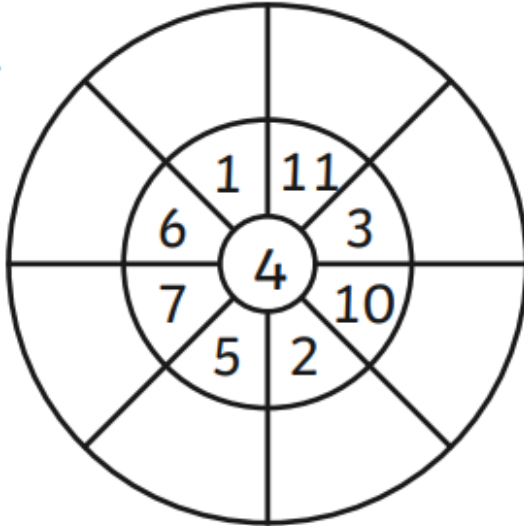Remember, you can also logon to TTRS to practise too :D

1.

4.

2.

5.

Multiplication grid
Use this to help you if you need to ☺
Remember, the 4 times table is just double the 2 times table and the 8 times table is just double the 4 times table.

| X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Partitioning a number into tens and ones to divide:

Matthew has **84** pencils.
He needs to share them with his **2** friends equally.
How many pencils will each friend get?

$84 \div 2 =$
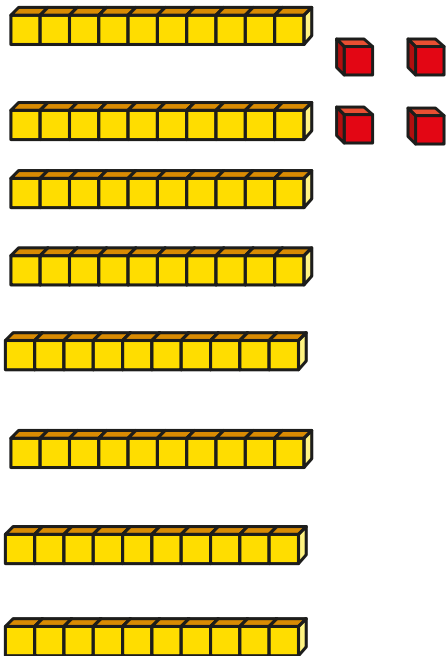
Tens	Ones

Step 1: Partition the 2-digit number into tens and ones

Step 2: Share the tens out equally

Step 3: Share the ones out equally

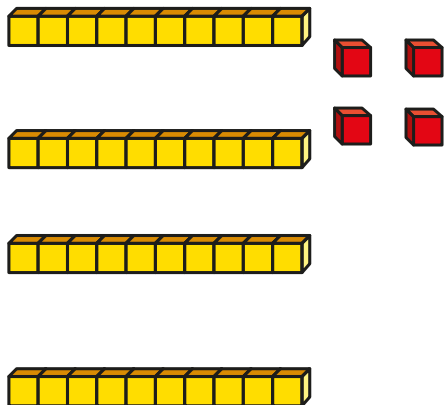Step 4: Count the number of tens and ones in the group

$84 \div 2 =$ **42**

Partitioning a number into tens and ones to divide:

Mrs Cheslin has **44** sweets.
She needs to share them with her **4** friends equally.
How many sweets will each friend get?

$44 \div 4 =$

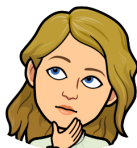| Tens	Ones

Step 1: Partition the 2-digit number into tens and ones

Step 2: Share the tens out equally

Step 3: Share the ones out equally

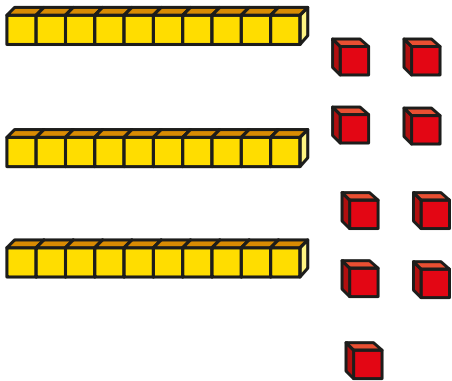Step 4: Count the number of tens and ones in the group

$44 \div 4 =$ **11**

Partitioning a number into tens and ones to divide:

Miss Robertson baked **39** cookies.
She needs to share them with her **3** friends equally.
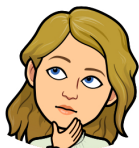How many sweets will each friend get?

$39 ÷ 3 =$

Tens	Ones

Step 1: Partition the 2-digit number into tens and ones

Step 2: Share the tens out equally

Step 3: Share the ones out equally

Step 4: Count the number of tens and ones in the group

$39 ÷ 3 =$ **13**

Partitioning a number into tens and ones to divide:

48 ÷ 2 =

Tens	Ones

Step 1: Partition the 2-digit number into tens and ones

Step 2: Share the tens out equally

Step 3: Share the ones out equally
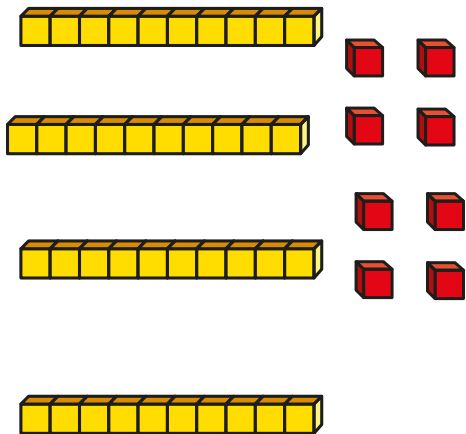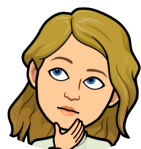
Step 4: Count the number of tens and ones in the group

48 ÷ 2 = **24**

Miss Robertson's example:

93 ÷ 3 =

Tens	Ones

**Try these questions using the partitioning method
You can draw your own base ten to help you** ☺

1. 64 ÷ 2 =

Tens	Ones

2. 68 ÷ 2 =

Tens	Ones

3. 93 ÷ 3 =

Tens	Ones

4. 48 ÷ 4 =

Tens	Ones

5. 69 ÷ 3 =

Tens	Ones

Deepen it:

Compare the statements using < , > and =

a) 48 ÷ 4 ◯ 36 ÷ 3

b) 44 ÷ 4 ◯ 36 ÷ 3

c) 63 ÷ 3 ◯ 84 ÷ 4

Teddy answers the question 44 ÷ 4
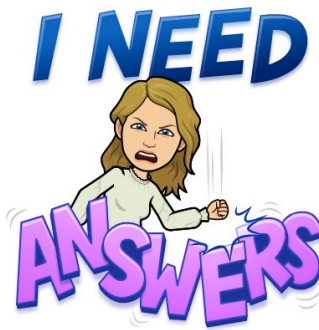using place value counters.

Tens	Ones
10 10	1 1
10 10	1 1

Is he correct?
Explain your reasoning.
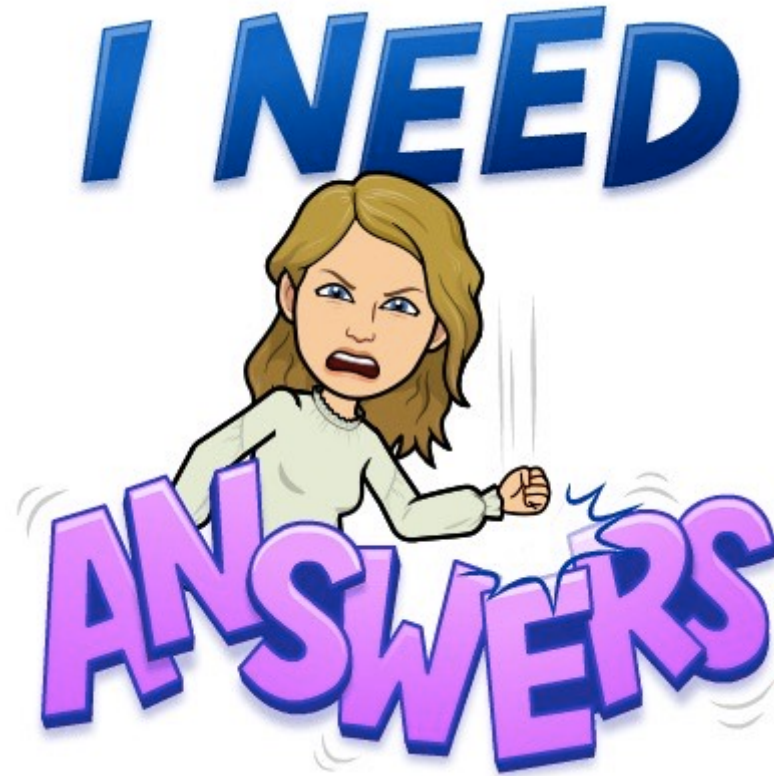
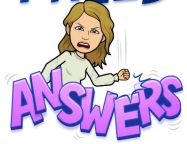Answers are coming up on the next slide. No peeking until you have completed the questions ☺

1. $64 \div 2 = 32$

2. $68 \div 2 = 34$

3. $93 \div 3 = 31$

4. $48 \div 4 = 12$

5. $69 \div 3 = 23$

Compare the statements using < , > and =

a) 48 ÷ 4   (=)   36 ÷ 3

b) 44 ÷ 4   (<)   36 ÷ 3

c) 63 ÷ 3   (=)   84 ÷ 4

Teddy answers the question 44 ÷ 4
using place value counters.

Tens	Ones
10 10	1 1
10 10	1 1

Is he correct?
Explain your reasoning.

Teddy is incorrect. He has divided
44 by 2 instead of 4.

Thank you for working so hard.
Please send in any photos of your work or any questions you have to yearthree@st-jo-st.dudley.sch.uk

It is always a pleasure to see all of your work.